CLAIMS

What is claimed is:

1   1.   A method for transitioning among states during use of a voice browser,

2   comprising:

3   (a)   receiving a script at a voice browser utilizing a network;

4   (b)   executing the script utilizing the voice browser;

5   (c)   automatically tracking a plurality of states during the execution of the script

6   utilizing the voice browser;

7   (d)   receiving a request from a user during the execution of the script to transition

8   to a previous state; and

9   (e)   automatically transitioning to the previous state of the script with the voice

10   browser in response to the request.

1   2.   The method as set forth in claim 1, and further comprising determining

2   whether code exists indicating that the previous state should be skipped.

1   3.   The method as recited in claim 2, and further comprising transitioning to a

2   state previous to the previous state.

1   4.   The method as recited in claim 2, and further comprising transitioning to a

2   state previous to the previous state in response to the request if the code

3   exists.

1   5.   The method as recited in claim 1, and further comprising determining

2   whether code exists indicating a state other than the previous state to which

3   the script should be transitioned in response to the request.

1 6.   The method as recited in claim 5, and further comprising transitioning to the
2   state other than the previous state in response to the request if the code exists.

1 7.   The method as recited in claim 6, wherein the code includes a function
2   written in JAVASCRIPT.

1 8.   The method as set forth in claim 6, wherein the code includes a command for
2   identifying specific instructions relating to the transitioning.

1 9.   The method as set forth in claim 1, and further comprising storing
2   information regarding each state of the script.

1 10.   The method as set forth in claim 9, wherein the information identifies a type
2   of event associated with one of the states.

1 11.   The method as set forth in claim 9, wherein the information identifies a field
2   item.

1 12.   The method as set forth in claim 9, wherein the information identifies a form.

1 13.   The method as set forth in claim 9, wherein the information identifies an
2   application.

1 14.   The method as set forth in claim 9, wherein the information is accessed via a
2   pointer.

1 15.   A computer program product for transitioning among states during use of a
2   voice browser, comprising:
3 (a)   computer code for receiving a script at a voice browser utilizing a network;
4 (b)   computer code for executing the script utilizing the voice browser;

5 (c) computer code for automatically tracking a plurality of states during the

6 execution of the script utilizing the voice browser;

7 (d) computer code for receiving a request from a user during the execution of the

8 script to transition to a previous state; and

9 (e) computer code for automatically transitioning to the previous state of the

10 script with the voice browser in response to the request.

1 16. A system for transitioning among states during use of a voice browser,

2 comprising:

3 (a) means for receiving a script at a voice browser utilizing a network;

4 (b) means for executing the script utilizing the voice browser;

5 (c) means for automatically tracking a plurality of states during the execution of

6 the script utilizing the voice browser;

7 (d) means for receiving a request from a user during the execution of the script

8 to transition to a previous state; and

9 (e) means for automatically transitioning to the previous state of the script with

10 the voice browser in response to the request.

1 17. A system for transitioning among states during use of a voice browser,

2 comprising:

3 (a) logic for receiving a script at a voice browser utilizing a network;

4 (b) logic for executing the script utilizing the voice browser;

5 (c) logic for automatically tracking a plurality of states during the execution of

6 the script utilizing the voice browser;

7 (d) logic for receiving a request from a user during the execution of the script to

8 transition to a previous state; and

9 (e) logic for automatically transitioning to the previous state of the script with

10 the voice browser in response to the request.

1 18. A method for transitioning among states during use of a voice browser,

2 comprising:

3   (a)   receiving a script at a voice browser utilizing a network;

4   (b)   executing the script utilizing the voice browser;

5   (c)   tracking a plurality of states during the execution of the script;

6   (d)   storing information regarding each state of the script;

7   (e)   receiving a request from a user during the execution of the script to transition

8   to a previous state;

9   (f)   if it is determined that code exists indicating that the previous state should be

10   skipped, transitioning to a state previous to the previous state in response to

11   the request utilizing the stored information;

12   (g)   if it is determined that code exists indicating a state other than the previous

13   state to which the script should be transitioned, transitioning to the state other

14   than the previous state in response to the request utilizing the stored

15   information;

16   (h)   if said code does not exist, automatically transitioning to the previous state of

17   the script with the voice browser in response to the request utilizing the

18   stored information.